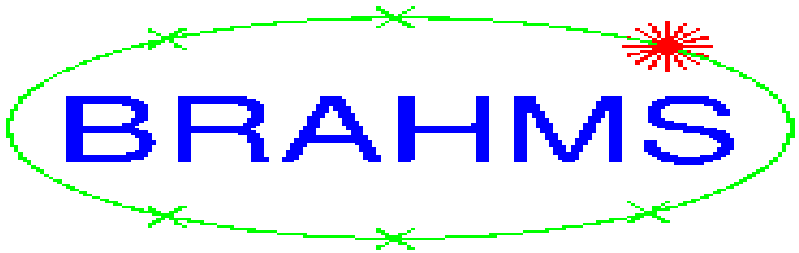


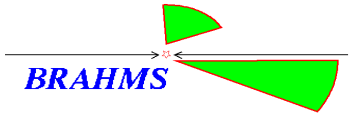
BRAHMS Collaboration Meeting
November 28, 2000

F.Videbœk

Physics Department

Brookhaven National Laboratory

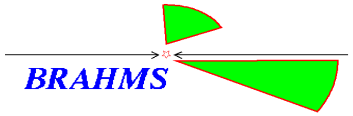
Practical Comments



- The meeting will be in ITD seminar room 4 days.
- The HENP PAC (RHIC Beam Use Proposal) meeting is on Thursday Morning
  - Beam Use Proposal
- Common Collaboration Dinner
  - I hope someone will help arrange this. Since I cannot attend.

Request that all electronic prepared talks are put to the brahms webpage on RCF /export1/brahms/WWW/private/meetings/Nov2000/ as a) postscript file and 2) if available as .ppt or .pdf file,

Main Objectives of Meeting

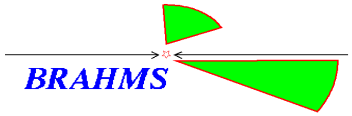


- In-depth discussion of on-going analysis
- Global dN/dη paper progress
  - Presentation of status
  - Discussion, Evaluation of material for paper
  - Plan for proceeding with this.
- Analysis for QM01
  - Presentation of status
  - Outstanding open issues for analysis
  - Setting of Priorities
- Run Planning for 2001 Runs and in out years
  - A combination of DOE budgets and RHIC acc needs are forcing a change in plans postponing this FY01 years run and likely combining with next years.
  - Detector modifications, upgrades
  - How do we run more efficiently.
- Analysis efforts in general.

Agenda - Tuesday

Tuesday November 28		**Analysis,Paper, QM**
9.30	F.Videbaek	Welcome
9.50	Y.Blyahkman	DN/deta, t0,vertex from Beam Beam (30+10)
10.30	JHlee	DN/Deta – tiles I (30+10)
11.10	break	
11.30	SJS/hh	DN/dEta – tiles II + Si (30+10)
12.10	B.Samset	Vertex from TPC (10+5)
12.30-13.45	Lunch	
13.45	J.J Gaardhoje	Discussion of Paper (15+30)
14.00	M.Murray	EM cross sections (20+10)
14.30	I.Bearden	FS tracking, PID, spectra (40+10)
15.20	Break	
15.40	JHL/FV	MRS tracking, geometry (40+10)

Wednesday



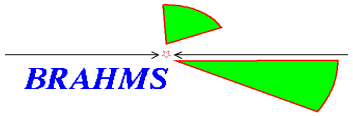
Wednesday November 29		**Detector Performance & Plans**
9.30	F.Videbaek	Oveview (15)
9.45	D.Beavis	Infrastructure, fy2000 upgrades
10.30	YB/BB	Beam Beam Counters performance &modifications.
11.10	break	
11.30	SJSanders/hh	Si
12.10	M.Murray	ZDC, and Cerenkov proposal
12.30	R.Debbe	TPC status and plans
12.30-13.45	Lunch	
14.00	F.Videbaek	Trigger (20+10)
14.30	I.Bearden/DB	H1,H2, TOFW (20+10)
15.00	P.Stazel	Driftchambers (30+10)
15.40	R.Debbe	Cerenkov performance (C1,RICH) (20+10)

Agenda

Thursday November 30		**Sofware**
14.00	Ko	DAQ (20+10)
14.30	K.Hagel	Brat organization (20+10)
15.00	F.Videbaek	Analysis Strategy, calibration (overview+discussion)

Friday December 1		**Organization and Plans**
9.30	JJG/FV	Analysis plans, QM talks
10.30	FV/JJG	Run Plans, Organization, shifts
11.30	JJG/FV	Coll organization, Communication, reports, meetings
12.00	Adjourn	

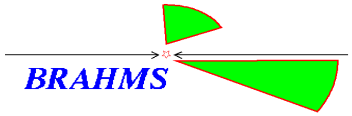
Organization for Upcoming Run



Summary of the discussion we have had on

- Detectors upgrades & fixes
- Software
- Analysis
- Talks, Publications
- Run Planning
- Collaboration and other meetings

Detectors



We have seen performance and hear much on this. Here I try to list tasks, actions and people involved.

- TPCs

  TPM1: We heard the proposal from Ramiro on course to take. Suggest this is recommended and proposal circulated briefly for comments after which work will start. (RD-BNL)

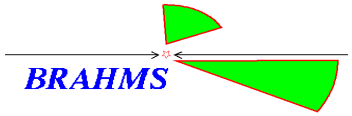
  TPM2,T2 –gas (leak) problems should be investigated (RD-BNL)

  Gating grid grounding… (RD<CC-BNL)

  Drift velocity monitors (RD) including readout (KO)

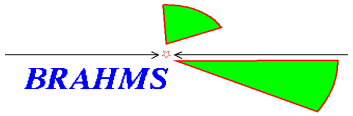
- TOFW
  - Panel production, installation (DB-BNL)
  - Review optimal panel settings and TPM2 FEE cards.
- DC
  - Installation and check of multiplexing. Completed production of all and installation. (ZM,PS- Cracow (NBI))
- C1
  - Search for HV breakdown problem (RD-BNL)

Detectors



- Beam-Beam counters
  - Saturation issue. Lucite 4->3cm will make 200GeV as presently roughly (dN/deta goes up)
  - Can good timing be achieved with lower gain?
- ZDC
  - Settle on gain and linearity issue (MM)
- Wire Chambers (WM1,…) (RD-BNL)
  - Two installed, two to go.
  - Power distribution, noise pickup.
- Trigger
  - Add LVL1 capabilities.
  - Review overall timing to make use of

Contributions from meeting



Have received as hard copies from IB (Tracking) C1' (MM) ,…

Need contribution from all either as electronic posted to web pages or in hard copies.